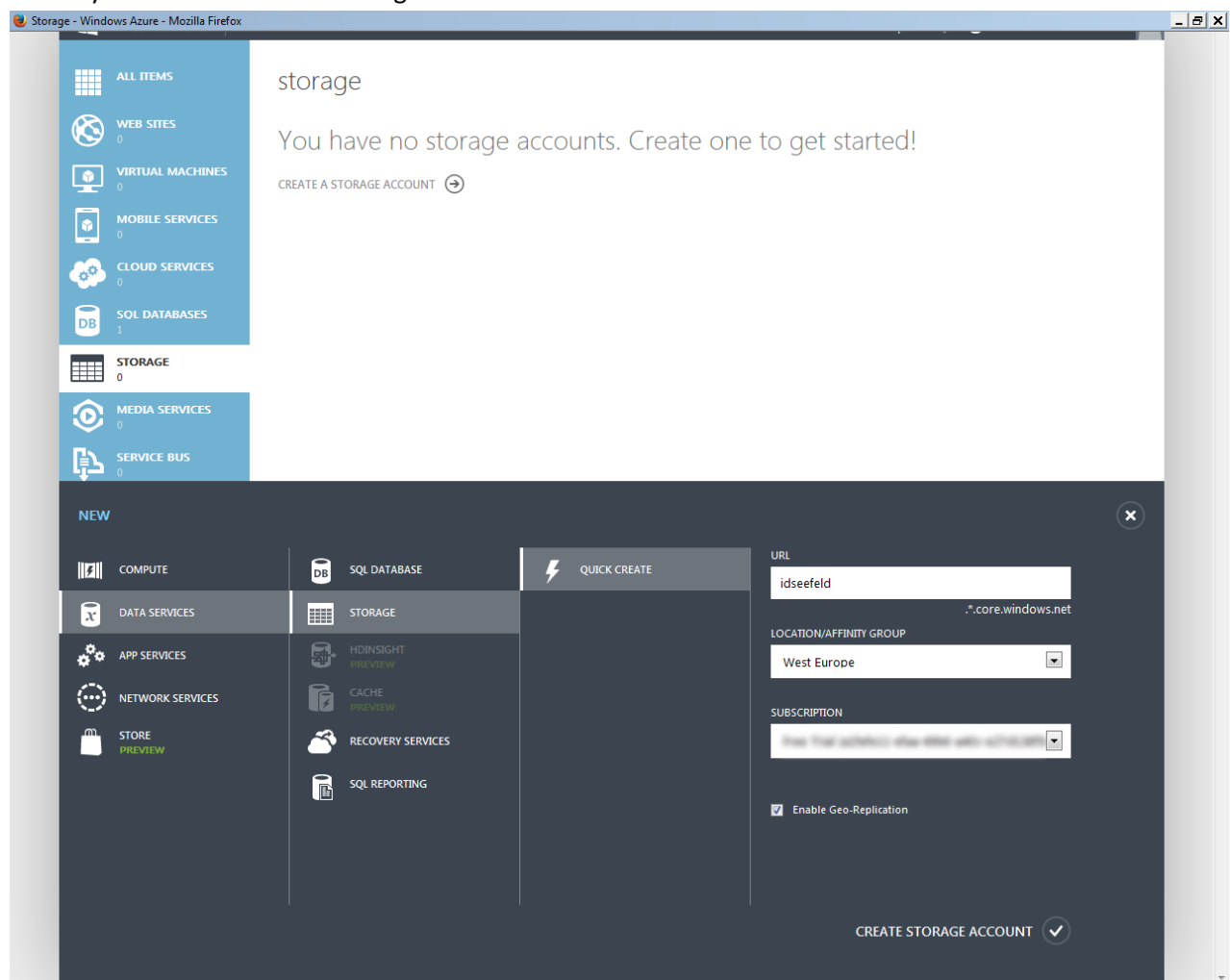


# Azure Blob Storage Provider Documentation

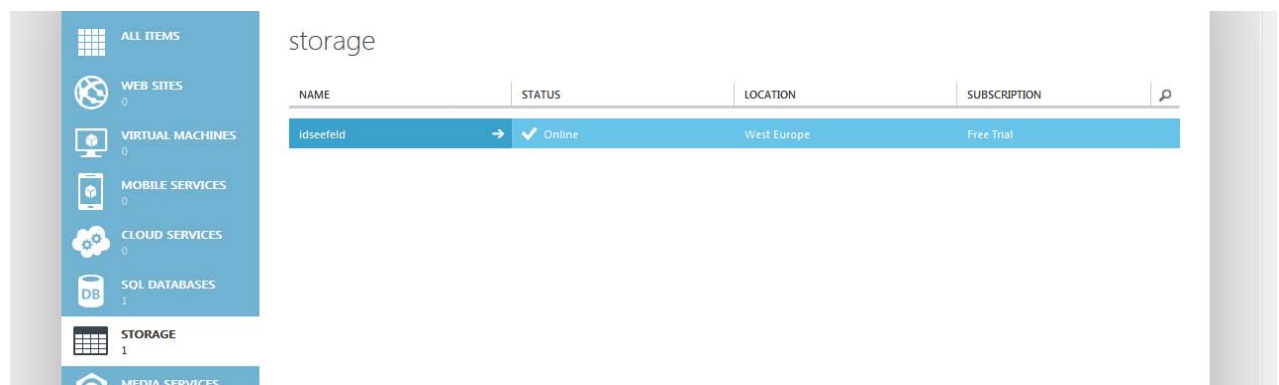
## What is the Azure Blob Storage Provider for Umbraco?

The Azure Blob Storage Provider replaces Umbraco's default provider for media files. The following steps show how to setup the *ABSP*:

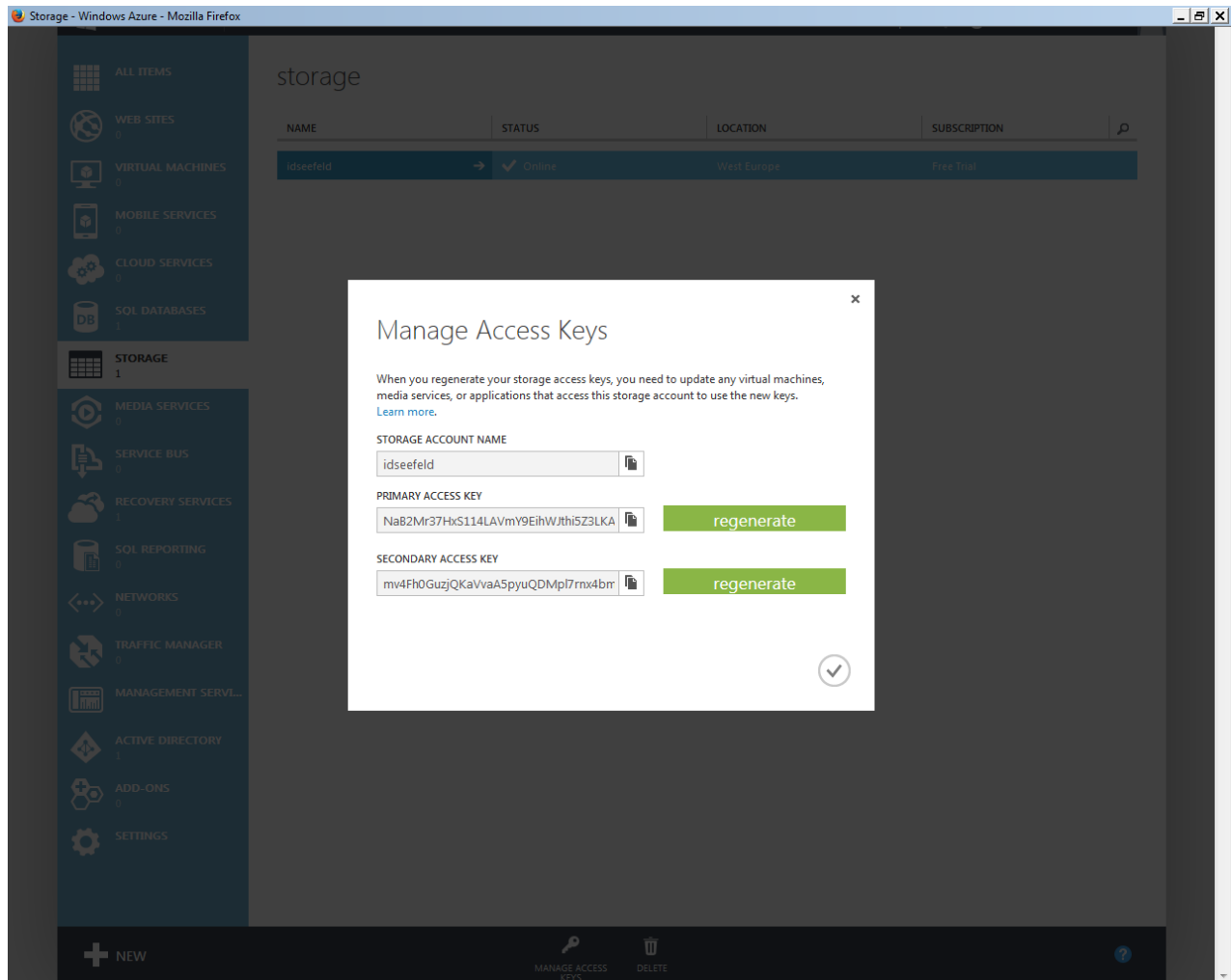
1. At first you create the Azure storage.



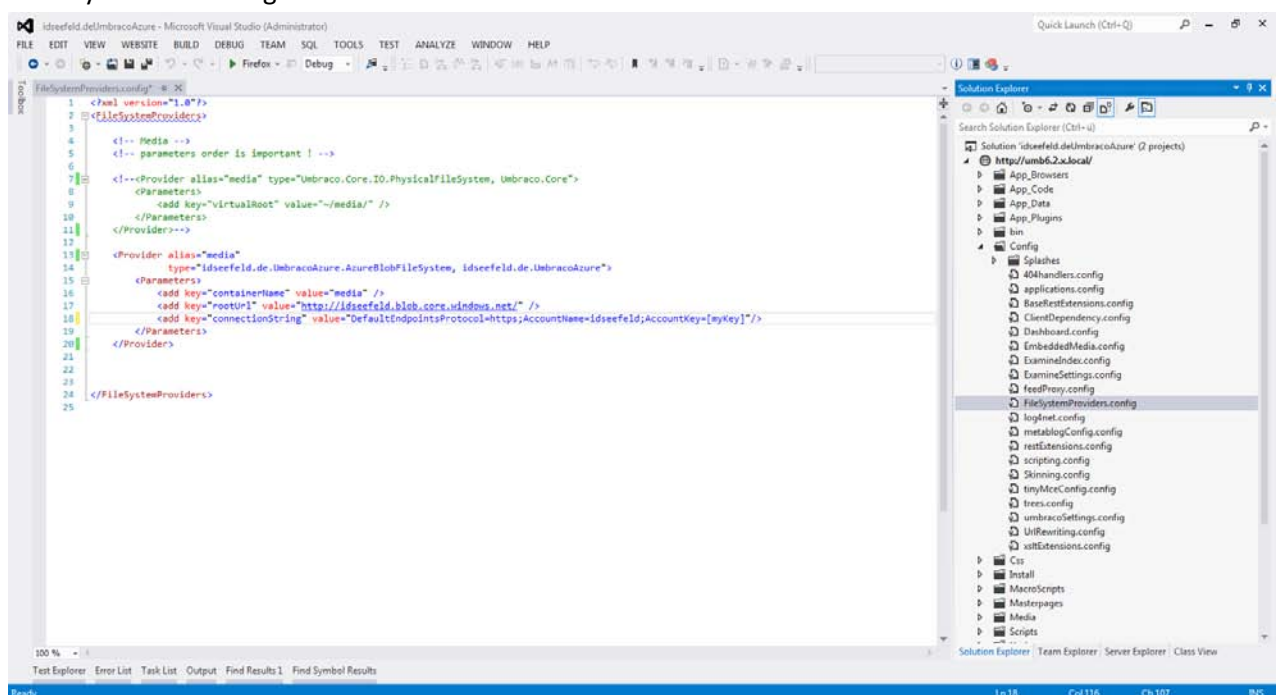
### The Result



2. Copy one of the two generated keys.



3. Open file ~/Config/FileSystemProviders.config of your Umbraco installation and paste your account name and key into the configuration:

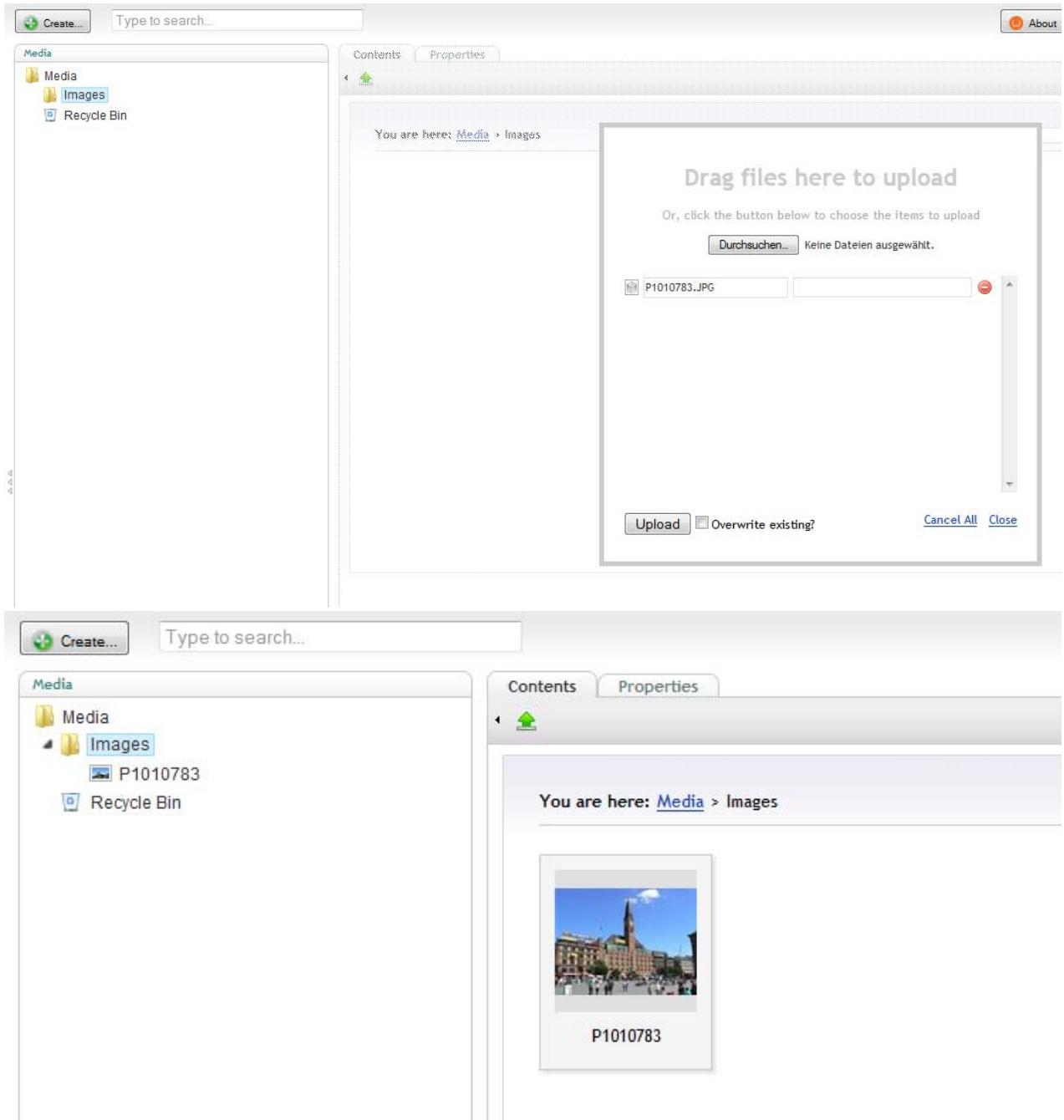


```

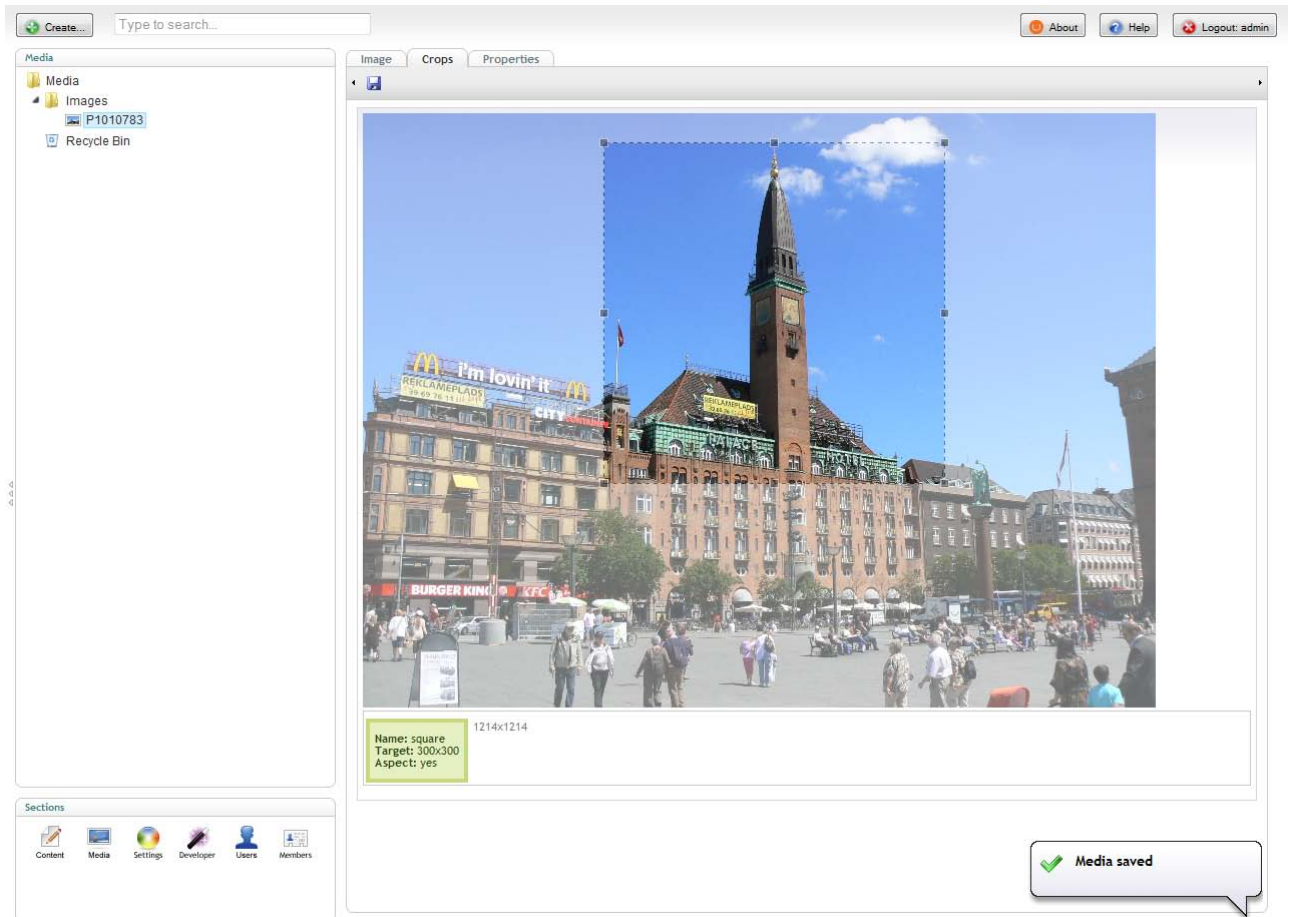
<?xml version="1.0"?>
<FileSystemProviders>
  <!-- Media -->
  <!-- parameters order is important ! -->
  <Provider alias="media"
    type="idseefeld.de.UmbracoAzure.AzureBlobFileSystem, idseefeld.de.UmbracoAzure">
    <Parameters>
      <add key="containerName" value="media" />
      <add key="rootUrl" value="http://[myAccountName].blob.core.windows.net/" />
      <add key="connectionString"
        value="DefaultEndpointsProtocol=https;AccountName=[myAccountName]idseefeld;AccountKey=[myKey]"/>
    </Parameters>
  </Provider>
</FileSystemProviders>

```

4. Restart the web server (e. g. touch web.config) and upload an image.



In my example I have previously installed the [Image Cropper Extended](#) and defined crops for media and content (for details see [Image Cropper Extended documentation](#)). *Just to show that it works!*



##### 5. Check that your uploaded images are in the cloud ...

Windows Azure

idseefeld

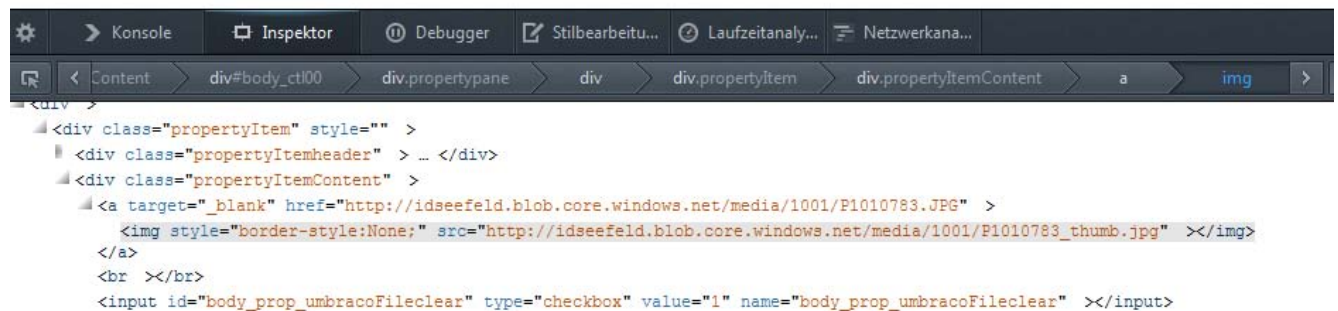
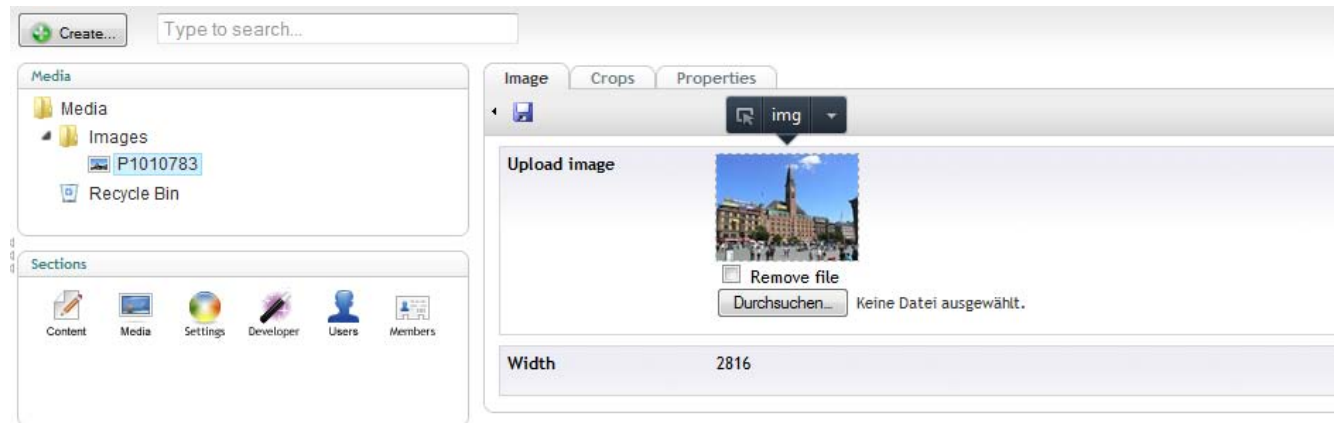
DASHBOARD MONITOR CONFIGURE CONTAINERS

NAME	URL	LAST MODIFIED
media	<a href="http://idseefeld.blob.core.windows.net/media">http://idseefeld.blob.core.windows.net/media</a>	10/19/2013 10:59:04 AM

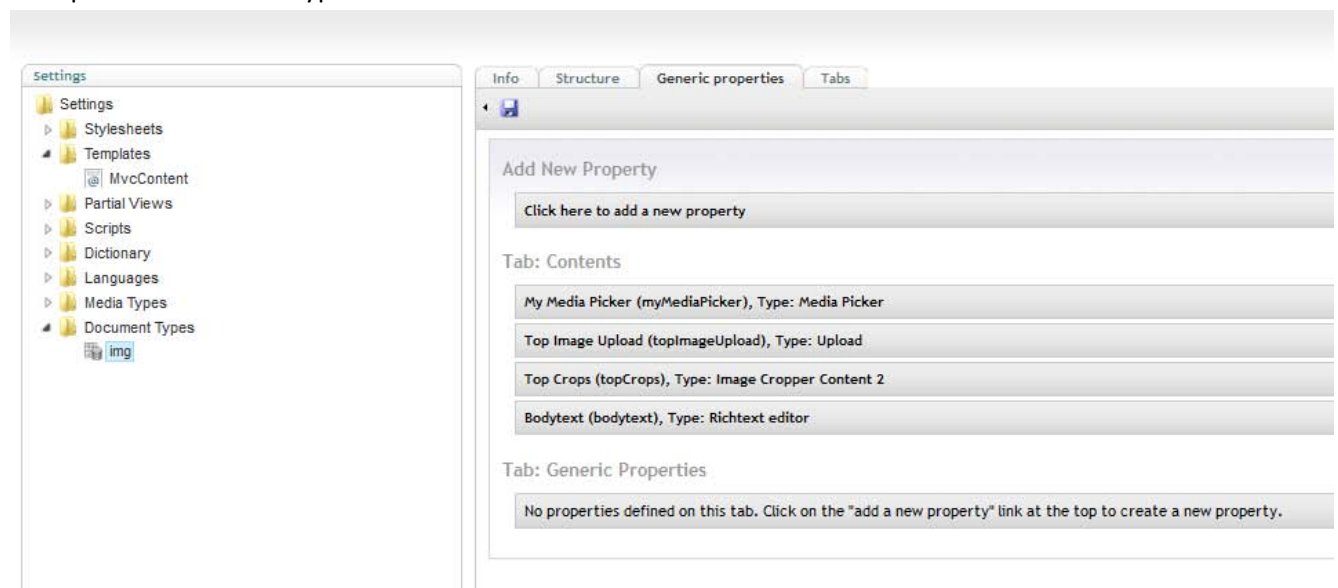
media

NAME	URL	LAST MODIFIED	SIZE
1001/P1010783.JPG	<a href="http://idseefeld.blob.core.windows.net/media/1001/P1010783.JPG">http://idseefeld.blob.core.windows.net/media/1001/P1010783.JPG</a>	10/19/2013 10:57:03 AM	2.91 MB
1001/P1010783_square.JPG	<a href="http://idseefeld.blob.core.windows.net/media/1001/P1010783_square.JPG">http://idseefeld.blob.core.windows.net/media/1001/P1010783_square.JPG</a>	10/19/2013 10:59:01 AM	20.39 KB
1001/P1010783_thumb.jpg	<a href="http://idseefeld.blob.core.windows.net/media/1001/P1010783_thumb.jpg">http://idseefeld.blob.core.windows.net/media/1001/P1010783_thumb.jpg</a>	10/19/2013 10:57:03 AM	3.88 KB

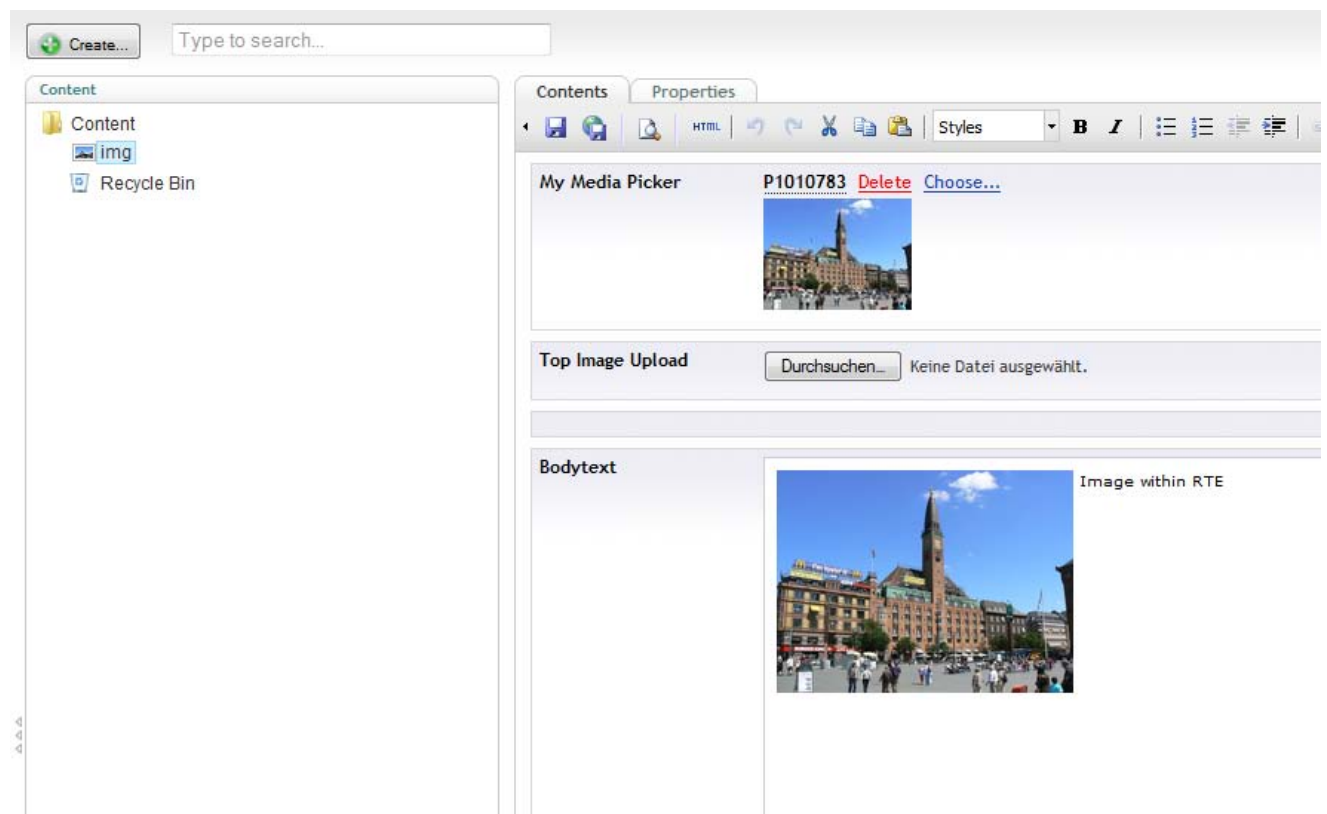
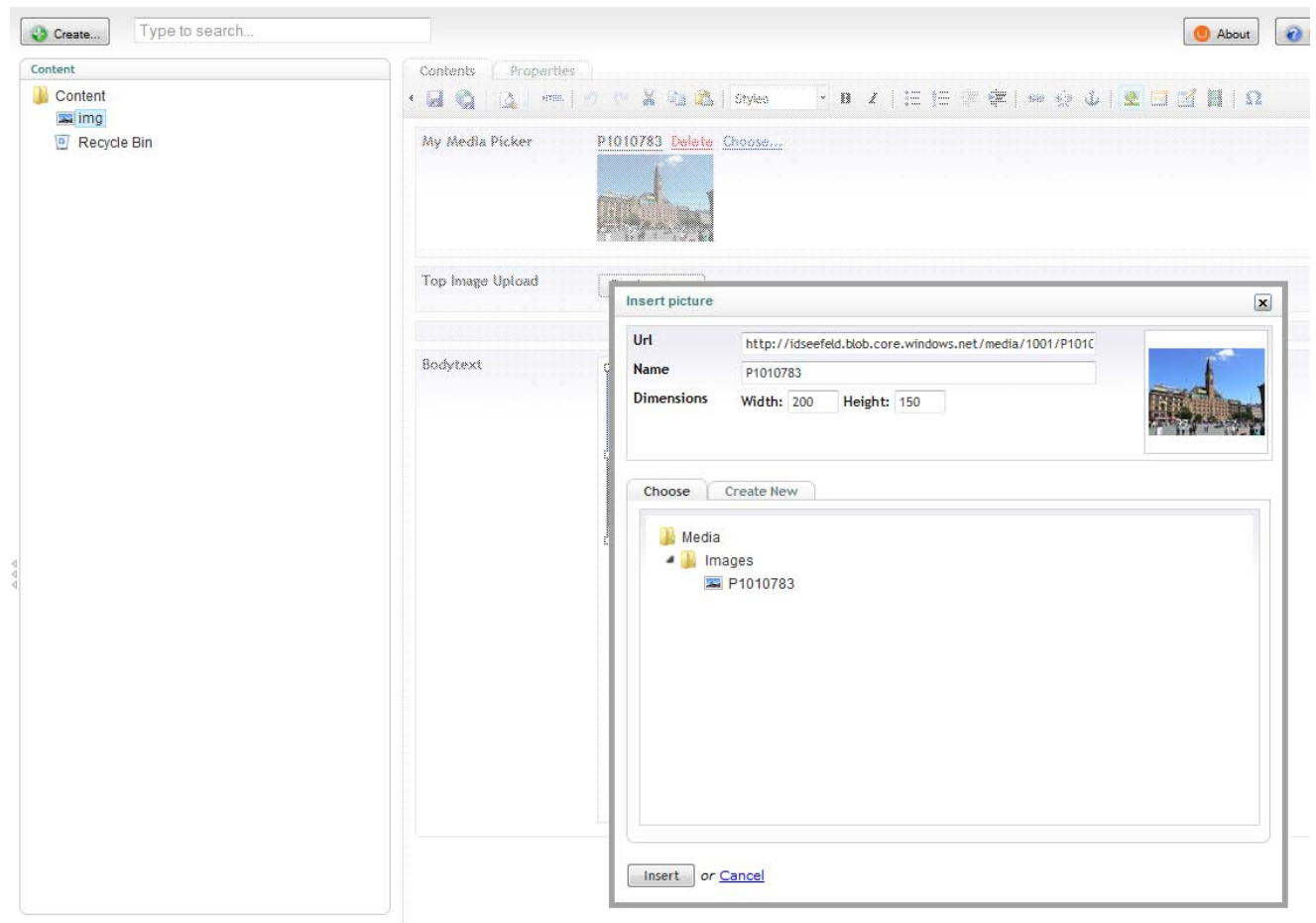
6. ... or explore the html.



7. Example of a document type

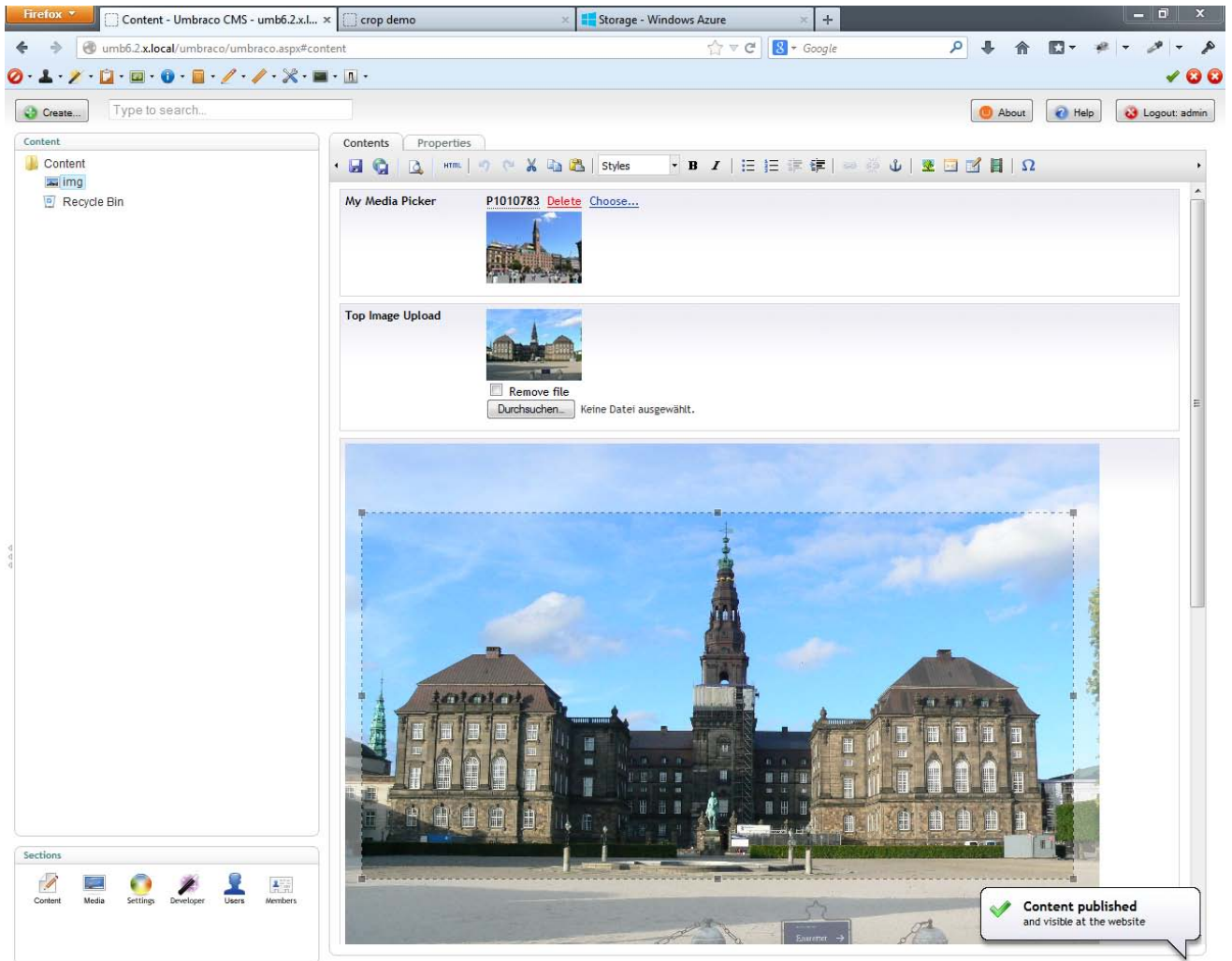


8. Create a node of the *img* document type and choose an image with the media Picker and insert one into the rich text editor.

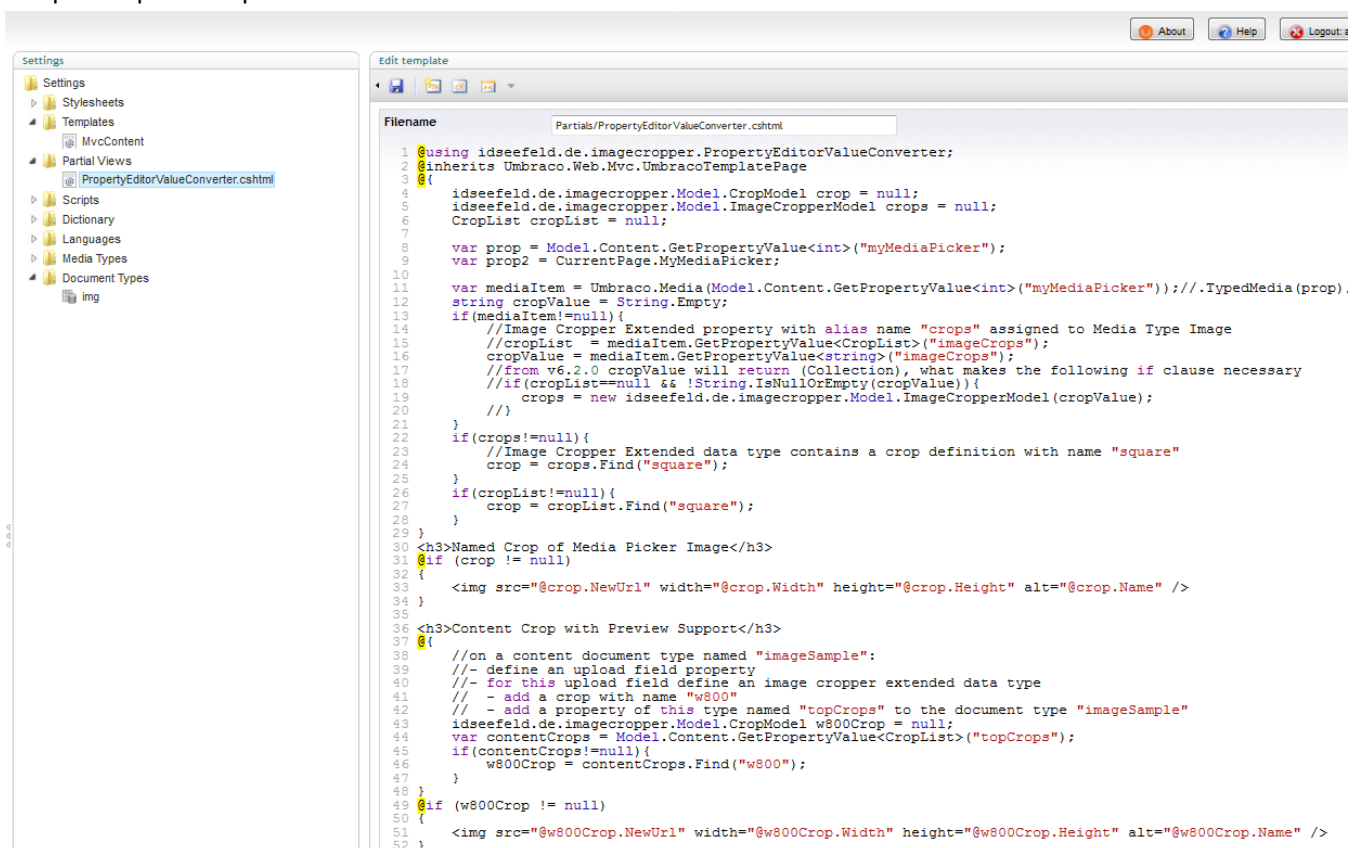




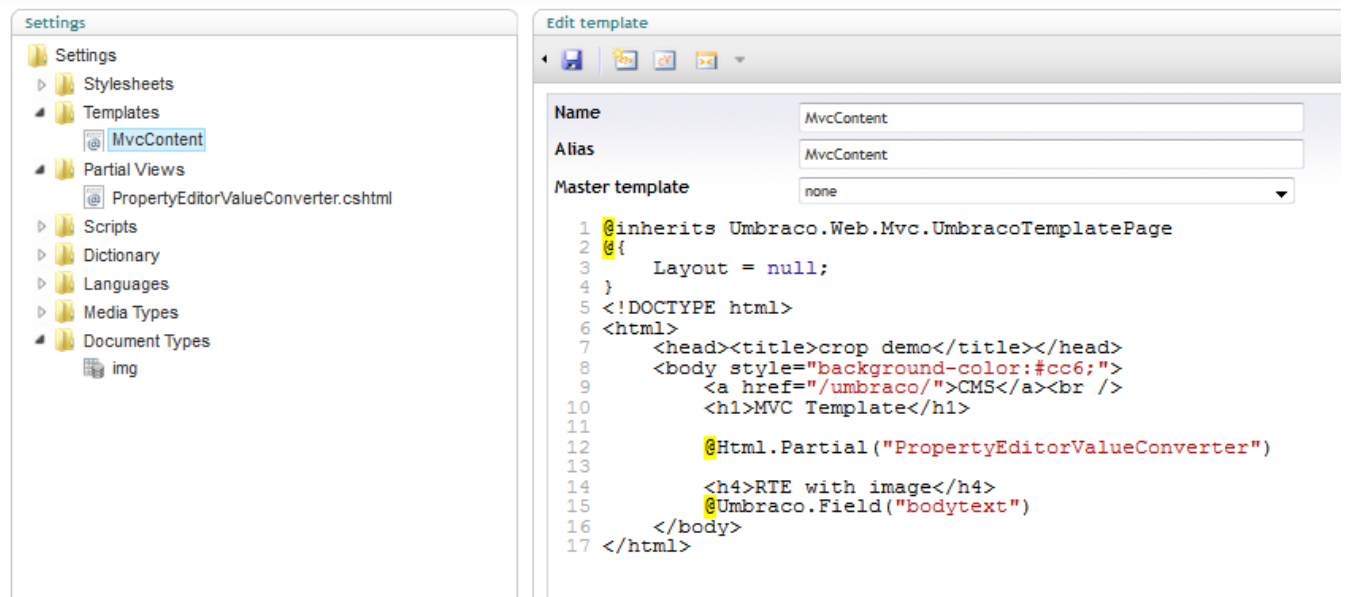
9. Upload another image with the upload, adjust the associated cropper and save & publish the node.



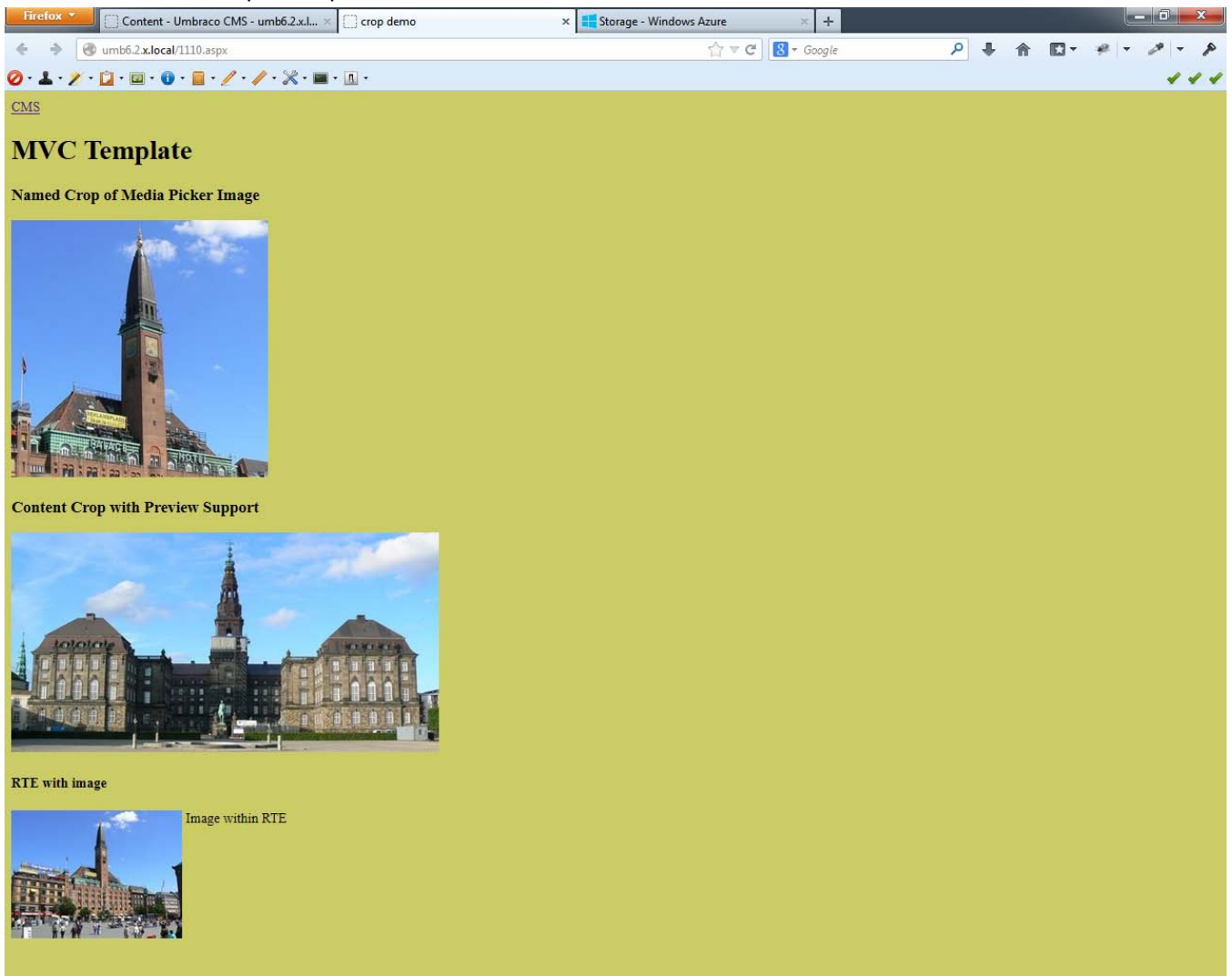
10. Sample scripts for a partial view ...



... and one for the MVC template, available in the documentation section of the [package download page](#).

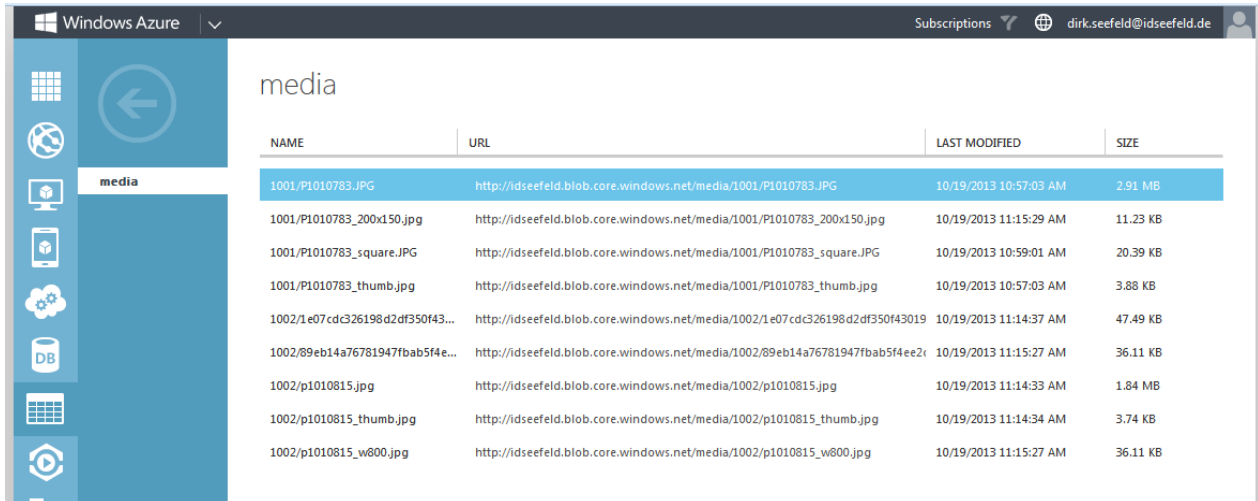


# 11. Result view of the sample template.





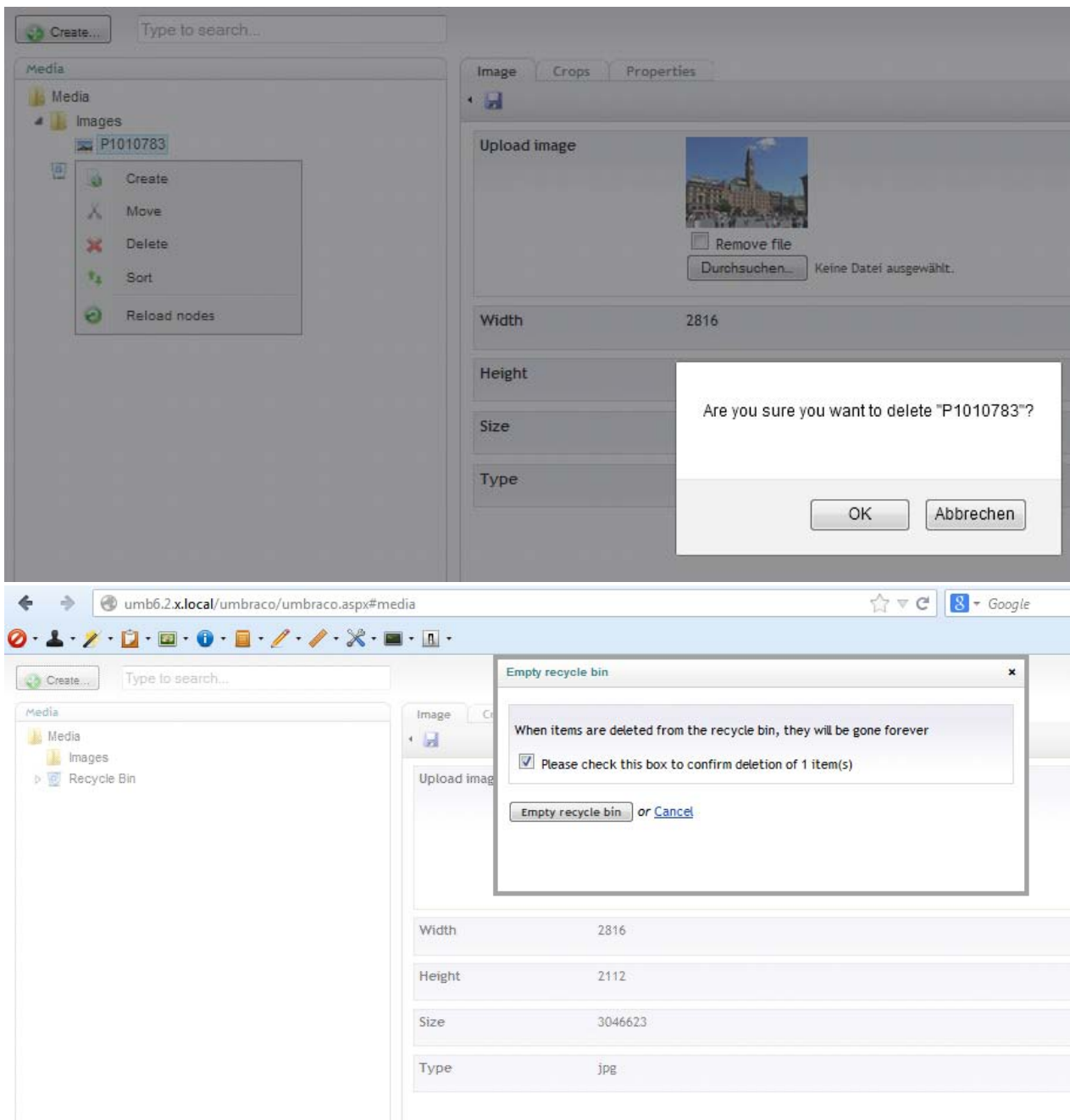
## 12. List of uploaded files.



The screenshot shows the Windows Azure portal interface. On the left is a navigation pane with icons for various services. The main area displays a table of media files under the heading 'media'. The table has four columns: NAME, URL, LAST MODIFIED, and SIZE. It lists ten files with their respective details.

NAME	URL	LAST MODIFIED	SIZE
1001/P1010783.JPG	http://idseefeld.blob.core.windows.net/media/1001/P1010783.JPG	10/19/2013 10:57:03 AM	2.91 MB
1001/P1010783_200x150.jpg	http://idseefeld.blob.core.windows.net/media/1001/P1010783_200x150.jpg	10/19/2013 11:15:29 AM	11.23 KB
1001/P1010783_square.JPG	http://idseefeld.blob.core.windows.net/media/1001/P1010783_square.JPG	10/19/2013 10:59:01 AM	20.39 KB
1001/P1010783_thumb.jpg	http://idseefeld.blob.core.windows.net/media/1001/P1010783_thumb.jpg	10/19/2013 10:57:03 AM	3.88 KB
1002/1e07cd326198d2df350f43...	http://idseefeld.blob.core.windows.net/media/1002/1e07cd326198d2df350f43019	10/19/2013 11:14:37 AM	47.49 KB
1002/89eb14a76781947fbab5f4e...	http://idseefeld.blob.core.windows.net/media/1002/89eb14a76781947fbab5f4ee2	10/19/2013 11:15:27 AM	36.11 KB
1002/p1010815.jpg	http://idseefeld.blob.core.windows.net/media/1002/p1010815.jpg	10/19/2013 11:14:33 AM	1.84 MB
1002/p1010815_thumb.jpg	http://idseefeld.blob.core.windows.net/media/1002/p1010815_thumb.jpg	10/19/2013 11:14:34 AM	3.74 KB
1002/p1010815_w800.jpg	http://idseefeld.blob.core.windows.net/media/1002/p1010815_w800.jpg	10/19/2013 11:15:27 AM	36.11 KB

## 13. Delete a media item.



The screenshot shows the Umbraco media management interface. On the left, a tree view shows the 'Media' folder containing an 'Images' folder. The 'Images' folder is selected, and a context menu is open with options: Create, Move, Delete, Sort, and Reload nodes. The 'Delete' option is highlighted. On the right, the 'Image' tab is active, showing a preview of the selected image. Below the preview, the image's dimensions (Width: 2816, Height: 2112) and size (3046623) are displayed. A dialog box is open in the foreground, asking 'Are you sure you want to delete "P1010783"?' with 'OK' and 'Abbrechen' buttons. Below the dialog, an 'Empty recycle bin' dialog is also visible, warning that items deleted from the recycle bin will be gone forever and asking to confirm the deletion of 1 item(s). The background shows the Umbraco media management interface with a search bar and a list of media items.

Are you sure you want to delete "P1010783"?

OK Abbrechen

Empty recycle bin

When items are deleted from the recycle bin, they will be gone forever

☒ Please check this box to confirm deletion of 1 item(s)

Empty recycle bin or Cancel

Width 2816

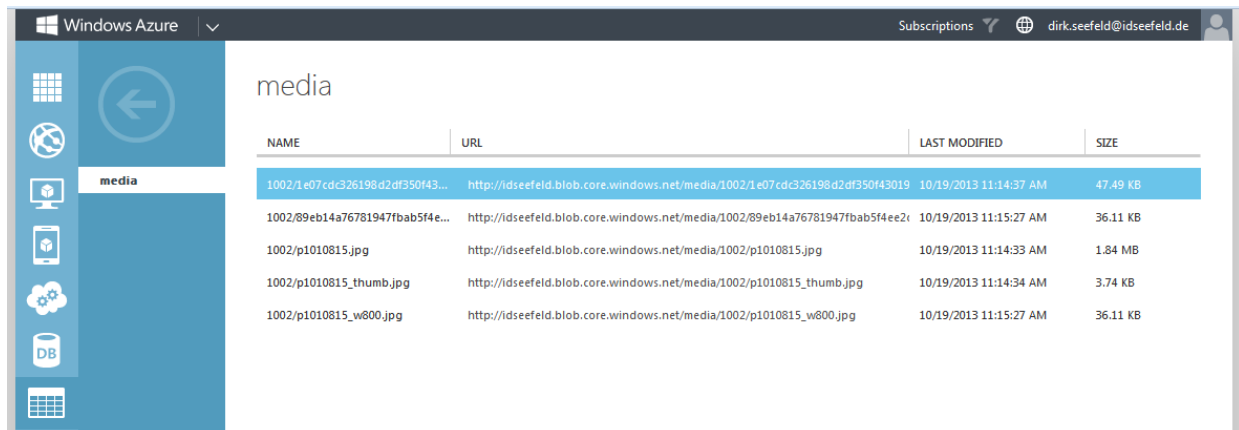
Height 2112

Size 3046623

Type jpg

At the time of this writing (previous to version 6.2.0) there is an issue with deleting a single media item in the recycle bin.

But you can empty the whole recycle bin and all trashed items will be deleted in Azure storage.



NAME	URL	LAST MODIFIED	SIZE
1002/1e07cdc326198d2df350f43...	http://idseefeld.blob.core.windows.net/media/1002/1e07cdc326198d2df350f43019	10/19/2013 11:14:37 AM	47.49 KB
1002/89eb14a76781947fbab5f4e...	http://idseefeld.blob.core.windows.net/media/1002/89eb14a76781947fbab5f4ee2f	10/19/2013 11:15:27 AM	36.11 KB
1002/p1010815.jpg	http://idseefeld.blob.core.windows.net/media/1002/p1010815.jpg	10/19/2013 11:14:33 AM	1.84 MB
1002/p1010815_thumb.jpg	http://idseefeld.blob.core.windows.net/media/1002/p1010815_thumb.jpg	10/19/2013 11:14:34 AM	3.74 KB
1002/p1010815_w800.jpg	http://idseefeld.blob.core.windows.net/media/1002/p1010815_w800.jpg	10/19/2013 11:15:27 AM	36.11 KB

An [issue report](#) with a possible solution is created, but I don't know whether it will make it into the release version 6.2.0 - your vote might help.